



PATENT

Attorney Docket No. 13274

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Browning et al.

Serial No.: 10/608,579

Art Unit: 3739

Filed: June 27, 2003

Examiner: Cohen, Lee S.

For: SKIN CONDUCTION AND TRANSPORT SYSTEMS

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

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Applicants submit herewith patents, publications, or other information, of which they are aware that they believe may be material, as defined in 37 CFR § 1.56(b), to the examination of this application, and in respect of which, there may be a duty to disclose in accordance with 37 CFR § 1.56(a). While the information referred to in this Information Disclosure Statement may be material pursuant to 37 CFR § 1.56(b), the filing of this Information Disclosure Statement is not intended, pursuant to 37 CFR § 1.97(h), to constitute an admission that any patent, publication, or other information referred to is, or is considered to be, material to the patentability of this invention. Further, pursuant to 37 CFR § 1.97(g), the filing of this Information Disclosure Statement should not be construed as a statement that a

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search has been made or that no other material information exists. The filing of this information disclosure statement shall not be construed as an admission against interest in any manner.

2. Transmitted herewith and forming a part of this Information Disclosure Statement are forms PTO/SB/08A and PTO/SB/08b (4 sheets) on which are listed all cited items of information. Also included are copies of all foreign and non-patent literature documents.
3. Enclosed herewith is the fee of \$180 for submission of this Information Disclosure Statement as specified in 37 CFR §1.17(p).

The person making this statement is the practitioner who signs below on the basis of the information in the practitioner's file.

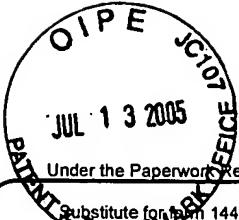
Respectfully submitted,



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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet 1 of 4

Complete if Known

Application Number	10/608,579
Filing Date	06-27-2003
First Named Inventor	Browning et al.
Art Unit	3739
Examiner Name	Cohen, Lee S.

Attorney Docket Number 13274

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A1	US- 4,229,479		10-21-1980	Brick et al.	
A2	US- 4,379,454		04-12-1983	Campbell et al.	
A3	US- 4,457,748		07-03-1984	Lattin et al.	
A4	US- 4,458,686		07-10-1984	Clark, Jr.	
A5	US- 4,705,682		11-10-1987	Moeller et al.	
A6	US- 4,777,954		10-18-1988	Keusch et al.	
A7	US- 4,821,733		04-18-1989	Peck	
A8	US- 4,975,441		12-01-1990	Gibson	
A9	US- 5,023,085		06-11-1991	Francoeur et al.	
A10	US- 5,036,861		08-06-1991	Sembrowich et al.	
A11	US- 5,076,273		12-31-1991	Schoendorfer et al.	
A12	US- 5,135,480		08-04-1992	Bannon et al.	
A13	US- 5,139,023		08-18-1992	Stanley et al.	
A14	US- 5,140,985		08-25-1992	Schroeder et al.	
A15	US- 5,143,071		09-01-1992	Keusch et al.	
A16	US- 5,203,327		04-20-1993	Schoendorfer et al.	
A17	US- 5,279,543		01-18-1994	Glikfeld et al.	
A18	US- 5,291,887		03-08-1994	Stanley et al.	
A19	US- 5,302,172		04-12-1994	Sage et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
A20	EP 0 295 092 A2		12-14-1988	Scott et al.		
A21	EP 0 613 942 A1		09-07-1994	Su		
A22	EP 0 804 155 B1		11-05-1997	Gyory		
A23	WO 96/00110		01-04-1996	Tamada et al.		
A24	WO 00/01351		01-13-2000	Kirby et al.		
A25	WO 00/33812		06-15-2000	Miranda et al.		

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STATEMENT BY APPLICANT***(Use as many sheets as necessary)*

Sheet

2

of

4

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		Number-Kind Code ² (<i>if known</i>)			
B1	US- 5,334,138		08-02-1994	Sage et al.	
B2	US- 5,358,714		10-25-1994	Green	
B3	US- 5,441,048		08-15-1995	Schoendorfer	
B4	US- 5,443,080		08-22-1995	D'Angelo et al.	
B5	US- 5,498,420		03-12-1996	Edgar et al.	
B6	US- 5,603,693		02-18-1997	Frenkel et al.	
B7	US- 5,636,632		06-10-1997	Bommannan et al.	
B8	US- 5,668,170		09-16-1997	Gyory	
B9	US- 5,686,516		11-11-1997	Tzur	
B10	US- 5,693,604		12-02-1997	Su	
B11	US- 5,760,096		06-02-1998	Thornfeldt et al.	
B12	US- 5,800,685		09-01-1998	Perrault	
B13	US- 5,874,095		02-23-1999	Deckner et al.	
B14	US- 5,921,925		07-13-1999	Cartmell et al.	
B15	US- 5,952,000		09-14-1999	Venkateshawran et al.	
B16	US- 5,954,685		09-21-1999	Tierney	
B17	US- 5,993,848		11-30-1999	Suzuki et al.	
B18	US- 6,180,416 B1		01-30-2001	Kurnik et al.	
B19	US- 6,233,471		05-15-2001	Berner et al.	

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Sheet 3 of 4

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	A22					
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/608,579
				Filing Date	06-27-2003
				First Named Inventor	Browning et al.
				Art Unit	379
				Examiner Name	Cohen, Lee S.
Sheet	4	of	4	Attorney Docket Number	13274

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	D1	BARRY, B.W.; Novel Mechanisms and Devices to Enable Successful Transdermal Drug Delivery; European Journal of Pharmaceutical Sciences 14 (2); 2001; pp 101-114; Elsevier	
	D2	BERTI, JEFFREY J. et al.; Transcutaneous Drug Delivery: A Practical Review; Mayo Clinic Proceedings.; June, 1995; Vol 70(6); pp 581-586	
	D3	HSU, CHANG-SHAN et al.; Anionic Gels as Vehicles for Electrically-Modulated Drug Delivery. I. Solvent & Drug Transport Phenomena; Pharmaceutical Research; Vol 13, No 12; 1996; PP. 1865-1870	
	D4	KANIKKANNAN, N. et al.; Structure-activity Relationship of Chemical Penetration Enhancers in Transdermal Drug Delivery; Current Medicinal Chemistry; 2000; 7; pp. 593-608	
	D5	PANCHAGNULA, RAMESH; Transdermal Iontophoresis Revisited; Next Generation Therapeutics; pp. 468-473	
	D6	PECK, KENDALL; Flux Enhancement Effects of Ionic Surfactants Upon Passive & Electroosmotic Transdermal Transport; J. of Pharmaceutical Sciences; Vol 87; 9; 09/98; pp. 1161-1169	
	D7	SANDERSON, JOHN E.; Iontophoretic Delivery of Nonpeptide Drugs: Formulation Optimization for Maximum Skin Permeability; J. of Pharmaceutical Sciences; Vol 78; No 5; 05/89; pp. 361-364	
	D8	VYAS, S.P.; et al.; Percutaneous Permeation: Principles, Means and Methods to Enhance the Permeation; Indian Drugs; 37(10; October, 2000; pp 454-463	
	D9	WANG, YOUNG et al.; Effect of Sodium Dodecyl Sulfate on Iontophoresis of Hydrocortisone Across Hairless Mouse Skin; Pharmaceutical Development & Technology; 5(4); pp. 533-542; 2000	
	D10	XU, PING et al.; Enhanced Skin Permeability for Transdermal Drug Delivery: Physiopathological & Physicochemical Considerations; Critical Reviews in Therapeutic Drug Carrier Systems; 8(3) PP. 211-236; 1991	

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